EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
ation of workcolone Spot				
ain Road				
Main Road				
53.00m				
157.00m				
153.20m				

First & Final Bill

SBR No-156/15-16 D: 7-9-15

M. A. R. 57 (Rule 116)
Measurement Book

BR - 176/30-9-15

No. B 192385

Serial No. .....

Name of work Improvements to Roads in AK colony Doddabommasandra in Ward No-10. (Doddabommasandra) Vidyaranyapura S45-division From ..... To .....

Name of Contractor of nature of Agency Sri. K. Shankar Reddy.

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work code No: 010-15-000041						
	Agreement No: 240. Dated 24-01-2015.						
	Work order No: EE/BTP/BBMP/E-PMT/240/2014-15. Date 24-01-2015.						
	Address of Agency: #3, 1st cross Eranna palya Ramchandrappa Layout Bangalore-45.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2meters and an average lift upto 0.5mt, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc.						
	From D.B. Sarovara main	2	30.00	0.60	0.35 =	12.60 Cum	
	Road to Apoorva	2	30.00	0.60	0.40 =	14.40 Cum	
	Apartment turning	2	30.00	0.60	0.40 =	14.40 Cum	
		2	30.00	0.60	0.45 =	16.20 Cum	
		2	30.00	0.60	0.40 =	14.40 Cum	
		2	30.00	0.60	0.45 =	16.20 Cum	
	From A.K. colony main	2	30.00	0.60	0.35 =	12.60 Cum	
	Road to pattisidappa	2	30.00	0.60	0.45 =	16.20 Cum	
	Tiruvu						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agenc
Date of commencement of work.....

Date	Full description, etc, of work
1	2

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
				ol means in ordinary Soil throw upto 2meters and as ed Surface leveled and Sides to be leveled neatly after
0	0.60	0.35 =	12.60 Cum	
0	0.60	0.40 =	14.40 Cum	
	0.60	0.40 =	14.40 Cum	
	0.60	0.45 =	16.20 Cum	
	0.60	0.40 =	14.40 Cum	
	0.60	0.45 =	16.20 Cum	
	0.60	0.35 =	12.60 Cum	
	0.60	0.45 =	16.20 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192386

erial No. .....
ame of work ..... From ..... To .....
ame of Contractor of nature of Agency.....
ate of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	30.00	0.60	0.45 =	16.20 Cum	
		2	31.20	0.60	0.30 =	11.23 Cum	
		2	30.00	0.60	0.45 =	16.20 Cum	
		2	30.00	0.60	0.35 =	12.60 Cum	
		2	30.00	0.60	0.45 =	16.20 Cum	
		2	30.00	0.60	0.35 =	12.60 Cum	
		2	30.00	0.60	0.40 =	14.40 Cum	
		2	30.00	0.60	0.35 =	12.60 Cum	
		2	30.00	0.60	0.40 =	14.40 Cum	
		2	12.00	0.60	0.40 =	5.76 Cum	
					Total =	249.19 Cum	Cute
		Qty limited to Tender =				240.30 Cum	Passed

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@ RS	~~75.22~~			RS	18075.00
						Bagthan AE	
	2) Scarifying existing Stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m sequential Spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour.						
	From D.B. Sandra Main Road to Apoorva Apartment	1	30.00	$\frac{(5.8+5.50)}{2}$		= 169.50 Sqm	
		1	30.00	$\frac{(5.5+5.50)}{2}$		= 162.00 Sqm	
	Turning						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	From A.K. Colony Main Road to Patte Sidappa Tiruvu

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
5.22			RS	18075.00
			Badhan AE	
			layer upto 75mm thick along picking up scarified materials materials with lead of 100m salvaged aggregates with fresh and consolidating as per actions including cost of all	
00 (5.8+5.50)/2			= 169.50 Sqm	
00 (5.5+5.30)/2			= 162.00 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192387

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	From A.K. Colony Main Road to Patte Sidappa Tiruvu	1	30.00 (5.3+5.40)/2			= 160.50 Sqm	
		1	30.00 (5.4+5.60)/2			= 165.00 Sqm	
		1	30.00 (5.6+5.50)/2			= 168.50 Sqm	
		1	30.00 (5.5+5.40)/2			= 163.50 Sqm	
		1	30.00 (5.4+5.50)/2			= 165.00 Sqm	
		1	30.00 (5.5+5.40)/2			= 163.50 Sqm	
		1	31.20 (5.4+5.80)/2			= 174.72 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	$30.00 \left(\frac{4.7+4.60}{2}\right)$			= 139.50 Sqm	
		1	$30.00 \left(\frac{4.6+4.50}{2}\right)$			= 136.50 Sqm	
		1	$30.00 \left(\frac{4.5+4.50}{2}\right)$			= 135.00 Sqm	
		1	$30.00 \left(\frac{4.5+4.60}{2}\right)$			= 136.50 Sqm	
		1	$30.00 \left(\frac{4.60+4.50}{2}\right)$			= 136.50 Sqm	
		1	$30.00 \left(\frac{4.5+4.50}{2}\right)$			= 135.00 Sqm	
		1	$30.00 \left(\frac{4.50+4.40}{2}\right)$			= 133.50 Sqm	
		1	$12.00 \left(\frac{4.4+4.80}{2}\right)$			= 55.20 Sqm	
					Total =	2497.95 Sqm	

Serial No. .....
Name of work .....
Name of Contractor of nature of Agen
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	3) providing, laying, mix macadam s water at one in tipper to site, lay course on wet p achieve the desire

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
00 (4.7+4.60)/2			= 139.50 Sqm	
00 (4.06+4.50)/2			= 136.60 Sqm	
00 (4.5+4.50)/2			= 135.00 Sqm	
00 (4.5+4.60)/2			= 136.50 Sqm	
00 (4.60+4.50)/2			= 136.50 Sqm	
00 (4.5+4.50)/2			= 135.00 Sqm	
00 (4.50+4.40)/2			= 133.50 Sqm	
00 (4.4+4.50)/2			= 55.20 Sqm	
			Total = 2497.90 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192333

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Qty limited to Tender =				2492.00 Sqm	
		@ Rs 82.53				Rs 205665.00	

Sadhu
AE

3) providing, laying, spreading and compacting grade Stone aggregate to wet mix macadam specification including premixing the Material with water at one in mechanical mix plant carriage of mixed material by tipper to Site, laying in uniform layers with Paver in Sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specification).

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	$30.00\left(\frac{4.7+4.70}{2}\right)0.20$ = 28.20 Cum				
		1	$12.00\left(\frac{4.7+5.0}{2}\right)0.20$ = 11.64 Cum				
					Total = 535.58 Cum		
	Qty limited to Tender					= 534.00 Cum	
	@ Rs 1431.37					Rs 764352.00	
(4)	Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
(4.7+4.70)/2	0.20		= 28.20 Cum	
(4.7+5.0)/2	0.20		= 11.64 Cum	
			Total = 535.58 Cum	
Tender			= 534.00 Cum	
37				
			300 Cum AE RD 764352.01	
surface including removing foreign matter with wire brooms				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192399

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	(5.8+5.50)/2		= 169.50 Sqm	
		1	30.00	(5.5+5.30)/2		= 162.00 Sqm	
		1	30.00	(5.3+5.40)/2		= 160.50 Sqm	
		1	30.00	(5.4+5.60)/2		= 165.00 Sqm	
		1	30.00	(5.6+5.50)/2		= 166.50 Sqm	
		1	30.00	(5.5+5.40)/2		= 163.50 Sqm	
		1	30.00	(5.4+5.60)/2		= 165.00 Sqm	
		1	30.00	(5.6+5.50)/2		= 166.50 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{(5.5+5.40)}{2}$		= 163.50 Sqm	
		1	31.20	$\frac{(5.4+5.80)}{2}$		= 174.72 Sqm	
		1	30.00	$\frac{(4.7+4.60)}{2}$		= 139.50 Sqm	
		1	30.00	$\frac{(4.6+4.55)}{2}$		= 136.50 Sqm	
		1	30.00	$\frac{(4.5+4.50)}{2}$		= 135.00 Sqm	
		1	30.00	$\frac{(4.5+4.60)}{2}$		= 136.50 Sqm	
		1	30.00	$\frac{(4.6+4.55)}{2}$		= 136.50 Sqm	
		1	30.00	$\frac{(4.5+4.70)}{2}$		= 138.00 Sqm	
		1	30.00	$\frac{(4.7+4.70)}{2}$		= 141.00 Sqm	
		1	12.00	$\frac{(4.7+5.0)}{2}$		= 58.20 Sqm	

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	(5) providing and applying cement stabilized & S.S. bitumen emuls

REMENT BOOK

Dimensions				Contents	Reference to last Measurement
er	Length 4	Breadth 5	Depth 6	7	8
	30.00	$\frac{(5.5+5.40)}{2}$		= 163.50 Sqm	
	31.20	$\frac{(5.4+5.80)}{2}$		= 174.72 Sqm	
	30.00	$\frac{(4.7+4.60)}{2}$		= 139.50 Sqm	
	30.00	$\frac{(4.6+4.5)}{2}$		= 136.50 Sqm	
	30.00	$\frac{(4.5+4.50)}{2}$		= 135.00 Sqm	
	30.00	$\frac{(4.5+4.60)}{2}$		= 136.50 Sqm	
	30.00	$\frac{(4.6+4.5)}{2}$		= 136.50 Sqm	
	30.00	$\frac{(4.5+4.71)}{2}$		= 138.00 Sqm	
	0.00	$\frac{(4.7+4.70)}{2}$		= 141.00 Sqm	
	2.00	$\frac{(4.7+5.0)}{2}$		= 58.20 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
192391

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
					Total =	2677.92 Sqm	
		Qty limited to Tender			=	2670.00 Sqm	
		@ Rs 12.14				Sadhan AE Rs 32414.00	
	(5) providing and applying primer coat for surface of medium porosity like cement stabilized soil base @ 1.10 kg/Sqm over prepared surface with S.S. bitumen emulsion						
		Qty vide Item No-04			=	2670.00 Sqm	
		@ Rs 74.14				Rs 197954.00	
						Sadhan AE	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(6) providing and laying Semi dense bituminous concrete using Crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting for hot 75 ton per hour using crushed aggregates of specific grading premixing with a hydrostatic Paver finisher with smooth wheeled vibratory and tender rollers to achieve the desired compaction as per morth specifications						
		1	30.00 $\frac{(5.8+5.5)}{2}$ 0.025 = 4.24 Cum				
		1	30.00 $\frac{(5.5+5.30)}{2}$ 0.025 = 4.05 Cum				
		1	30.00 $\frac{(5.3+5.40)}{2}$ 0.025 = 4.07 Cum				
		1	30.00 $\frac{(5.4+5.50)}{2}$ 0.05 = 4.13 Cum				

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2

NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
bituminous concrete using grading, premixed with ns) porting for hof 75 thy g of specific grading ver finisher with smooth en to achieve the desired				
5.8+5.5)/2 0.025 = 4.24 Cum				C&E
5+5.30)/2 0.025 = 4.05 Cum				Vanuth
3+5.40)/2 0.025 = 4.07 Cum				
4+5.60)/2 0.025 = 4.13 Cum				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192392

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00 (5.6+5.50)/2		0.025 =	4.16 Cum	
		1	30.00 (5.5+5.40)/2		0.025 =	4.09 Cum	C&E
		1	30.00 (5.4+5.60)/2		0.025 =	4.13 Cum	Vanuth
		1	30.00 (5.6+5.50)/2		0.025 =	4.16 Cum	S.D. (22.2.23)
		1	30.00 (5.5+5.40)/2		0.025 =	4.09 Cum	
		1	31.20 (5.4+5.60)/2		0.025 =	4.37 Cum	
		1	30.00 (4.7+4.60)/2		0.025 =	3.49 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	$30.00\left(\frac{4.6+4.50}{2}\right)0.025 = 3.41$ Cum				
		1	$30.00\left(\frac{4.5+4.50}{2}\right)0.025 = 3.38$ Cum				
		1	$30.00\left(\frac{4.5+4.60}{2}\right)0.025 = 3.41$ Cum				
		1	$30.00\left(\frac{4.6+4.50}{2}\right)0.025 = 3.41$ Cum				
		1	$30.00\left(\frac{4.5+4.70}{2}\right)0.025 = 3.45$ Cum				
		1	$30.00\left(\frac{4.7+4.70}{2}\right)0.025 = 3.53$ Cum				
		1	$12.00\left(\frac{4.7+5.0}{2}\right)0.025 = 1.46$ Cum				
						Total = 66.95 Cum	
		Qty limited to Tender = 66.75 Cum					

Cradle

E.E.O.

C&FC

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	7) Lead for Disposal of Mechanical means 2.00km	C R Qty C

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
00(4.6+4.50)/2	0.025	= 3.41 Cum		
0(4.5+4.50)/2	0.025	= 3.38 Cum		
0(4.5+4.60)/2	0.025	= 3.41 Cum		
0(4.6+4.50)/2	0.025	= 3.41 Cum		
(4.5+4.70)/2	0.025	= 3.45 Cum		
(4.7+4.70)/2	0.025	= 3.53 Cum		
(4.7+5.0)/2	0.025	= 1.46 Cum		
		Total = 66.95 Cum		
to Tender =		66.75 Cum		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192393

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		@ Rs 11013.54				Rs 73514.00 Sadhna AE	
	7) Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading and unloading from 0.00 to 2.00 km						
		Qty vide Item No-01 =				216.27 Cum	
		@ Rs 73.19				Rs 15829.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8) Third party inspection charges					Rs 19694.00	
						Total Rs 1989[illegible]	
						1969400	
						Zadhav AE w-10. 31/7/2015	
	Clear [signature]						
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯುದ್ದೀಪ ಉಪ ವಿಭಾಗ. ಯಲಹಂಕ ವಲಯ, ಬೆಂಗಳೂರು-97.						
	Certificate: Certified that the above work done Satisfactory & no materials issued from department						
	Zadhav AE w-10. 31/7/2015						
	[signature] ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ. ವಿದ್ಯುದ್ದೀಪ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೆ. ಮ ಸಾ. ಬೆಂಗಳೂರು-97						
	All the above measurements are accepted and Binding Mr. Sankar Reddy (Contractor)						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Sketch showing
	Index
	→ Asphalt Road
	Zadhav AE w-10 31/7/20

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
			Rs 19694.00	
			Total Rs 19894.00	
			19694.00	

Zadhav
AE W-10.
31/7/2015

ue work done Satisfactory &
d from departmentally

ಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ.
ಮೈಸೂರು ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಮ ಸಾ. ಬೆಂಗಳೂರು-97

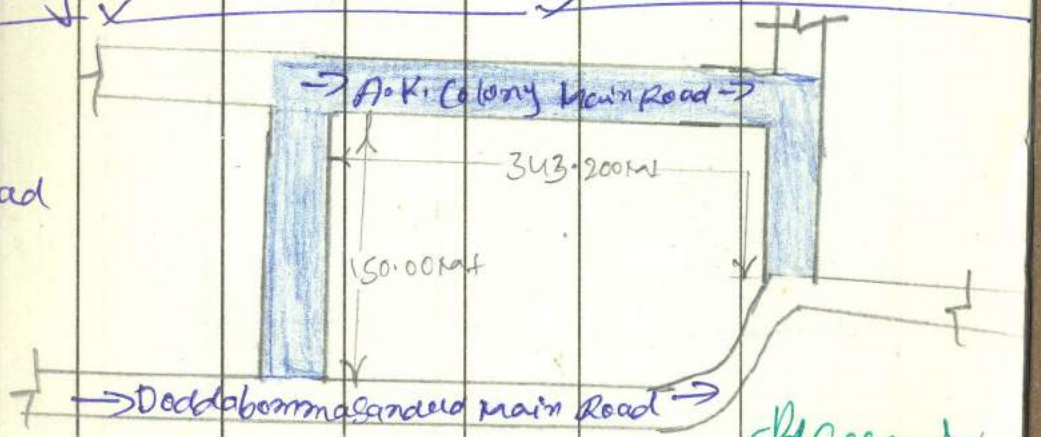
M. A. R. 57 (Rule 116)
Measurement Book

No. B

192394

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Sketch showing the locations of work done Spot Index → Asphalt Road						



Zadhav
AE W-10 31/7/2015

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BR 176
30/9/15

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 1969440.00

ಗಳಿಗೆ ಪಾವತಿ ಮಾಡಿದೆ

ಹೊಣಾಗಿದೆ ರೂ. 273707-00

ರೂ.

ಚೆಕ್ ಮುಖಾಂತರ. 1695733.00

ಲೆಕ್ಕಾಧಿಕ್ಷಕರು

ವ್ಯಾಪಾರಾಂಶಗಳ ವಿಭಾಗ

ಬೃ. ಬೆ. ಮು. ಪಾ

ಬೃ. ಬ. ಮು ಪಾ

ಪಾವತಿ 1969440.00
IT - 19695.00
VAT - 78778.00
FD - 118166.00
KUT - 19695.00
CBF - 1970.00
LR - 35403.00
ಪಾವತಿಂದ - 273707.00

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	